



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

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RBEA62309
Job Sheet 194450



Part No: RBEA62309

Job Qty: 1 pcs

Part Name: AS350/355 Field Maintenance



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/2/19

Job Tracking No:

Due Date: 5/31/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBEA62309 rev.T IPP REV:A 17.12.13 NEW ISSUE DD VERF:DP/IPP Rev.B 19.02.28 drawing revision
DP Verify DD/IPP Rev. C 19.04.01 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - Issue SN	1 pcs	5/31/19		0.00	0.00	Small Fab - 1		MLC
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
105	Small Fab - 2 - B4B	1 pcs	5/31/19		0.00	2.22	Small Fab - 1 - B4B		MLC
							Small Fab - 2 - B4B		
							Small Fab - 3 - B4B		
							Small Fab - 4 - B4B		
							Small Fab - 5 - B4B		
							Small Fab - 6 - B4B		
							Small Fab - 7 - B4B		
120	QC 5	1 pcs	5/31/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		



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Container No: S200434



Part: RBEA62309

Job No: 194450

Serial No/Batch: S200434

Revision: T

Inspector:

Exp Date:

Instructions:

Date: 07/25/19

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				QC 5 - 40	JUL 26 2019 40
130 Packaging 3-1 - Stock - B4B	1 pcs	5/31/19	0.00 0.00	Packaging 3 - 1 - B4B	9-89
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	DAS
				Packaging 3 - 6 - B4B	28
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - FG	1 pcs	5/31/19	0.00 0.00	QC 21 - FG - 21	DAS
				QC 21 - FG - 70	21
				QC 21 - SA - 53	JUL 29 2019

Part Op 100 - Issue S/N. No labor cost associated with this operation

Descriptions: 105 - 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican case APP-1750-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue foam to case and pack case as per drawing.

120 - (QC5- Inspect part completeness to step on W/O)

130 - (Identify as per dwg & Stock Location: _____)

140 - (QC21- Final Inspection - Work Order Release)

RB
OO/A

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
APP-1750-E	Pelican Case 1750	1 Ea (1 ea)	100-Small Fab - Issue SN	5169929
5274T761 49	Polypropylene Vial for Flange Wrench Bolts	1 Ea (1 ea)	105-Small Fab - 2 - B4B	51204166
7189K31 45	Cable Ties Black	1 Ea (1 ea)	105-Small Fab - 2 - B4B	50328430
30 9052000	10" Mini Bungee Cord	4 Ea (4 ea)	105-Small Fab - 2 - B4B	50946070
97524A032	Sealing Blind Rivet	4 Ea (4 ea)	105-Small Fab - 2 - B4B	5163934
25 NAS1756-12	Remove Before Flight	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5055799
RB41011	Dart Tooling Placard, Aluminum	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5021040
144R RBE-350DAMPER	Damper Spanner Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5186939
144R RBE-350HYD	Hydraulic Accumulator Fitting Gauge	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5198178
143B-F RBE-350INCLINOMETER	Inclinometer	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5184009
47F RBE-350TDRS	Tail Rotor Driveshaft Bearing Run-Out Gauge	1 pcs (1 ea)	105-Small Fab - 2 - B4B	51298166
144A RBE-350TEMP	Temperature Probe	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5186744
143 RBE350A93-3200-20-1	Main Gear Box/Rotor Brake Retaining Nut Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5115438
143 RBE350A93-3205-00E	Engine Gear Box Input Flange Holding Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5184802
143 RBE350A93-3205-00T	Tail Rotor Gear Box Input Flange Holding Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5184770
143 RBE350A93-3300-20	Tail Rotor Hub Socket	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5172249
143F RBE350A93-3302-02	Tail Rotor Hub Lock Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5197158
143A RBE350A93-3303-02	Tail Rotor Head Body Extractor Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5191305
143A RBE350A93-3305-20-1	Tail Gearbox Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5172280
143A RBE350A93-3307-00	Tail Gearbox Seal Extractor	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5182513
11 RBE350A93-3312-03	Tail Rotor Hub Bushing Replacement Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5186550
11 RBE350A93-3316-20-1	Rotating Star Replacement Wrench	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5168539
11 RBE350A93-3317-20	Tail Rotor Hub Insert Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5172722
11 RBE350A93-3400-00	Drive Shaft Thimble	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5158980
143B RBE350A93-3500-00	Bearing Extractor	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5122684
143A RBE350A93-3501-20	Extraction Tool, Hydraulic Pump Pulley Bearing	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5186607
141A RBE350A94-2704-00	Pedals Locking Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5186633
11 RBE350A94-2706-00	Rigging Pin Set	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5197835
11 RBE350A94-2708-01	Tail Rotor Blade Locking Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5191362
11 RBE350A94-3301-00	Tail Rotor Accelerator Support	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5188042
11 RBE350A94-3700-A	Swashplate Immobilizing Tools Long Brace & Parts	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5187059
141B RBE350A94-3700-B	Swashplate Immobilizing Tool, Short Brace Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5197932
141B RBE350A94-3700-C	Swashplate Immobilizing Tools Adjustable Brace	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5183103
11 RBE350A94-3701-00	7" Main Rotor Rigging Tool	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5196837
11 RBE350A94-5201-20	Cartridge, Dummy, Fuel	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5178016
RBE703A94-1130-01	Main Rotor Blade Trim Tab Tools Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5187513
76 RBE703A95-0505-00-15	TGB Drain Tube Quill Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5191040
71 RBE703A95-0508-00-15	MGB Drain Tube Quill Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5197853
71 RBE703A95-0508-00-17	MGB Drain Tube Hose Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5192352
76 RBE703A95-0520-01-17	Engine & Hydraulic Drain Tube Quill Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5155296
76 RBE703A95-0520-01-19	Engine & Hydraulic Drain Tube Hose Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5169932
RBEA62309-2	Bottom Cushion use in case APP-1750-E	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5194576
RBEA62309-3	Stiffener Assembly	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5169931
RBEA62309-6	Top Cushion use in case APP-1750-E	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5169930
RBEA62309-7	Top Foam Cushion use in case APP-1750-E	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5198649
135 RBEA62309-8	Top Shelf Placard	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5198484
RBEA62309-9	Bottom Shelf Placard	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5183183
135-143F RBEA62310	AS350/355 Engine Strut	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5193257
144R RBT18025-13	Linear Scale (50 lbs)	1 Ea (1 ea)	105-Small Fab - 2 - B4B	5197909
102 RBW109-3101-58-1-1	Hammer, Steel	1 pcs (1 ea)	105-Small Fab - 2 - B4B	5197091
102 RBW109-3101-58-2-1	Hammer, Aluminum	1 pcs (1 ea)	105-Small Fab - 2 - B4B	

RBE 703A94-1130-01-01

Qty 1 5187057

RBE 703A94-1130-02-23

Qty 1 5178120

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - Issue SN	APP-1750-E	1	7	0
105-Small Fab - 2 - B4B	5274T761	1	21	0
	7189K31	1	757	0
	9052000	4	59	0
	97524A032	4	305	0
	NAS1756-12	1	202	0
	RB41011	1	337	0
	RBE-350DAMPER	1	1	0
	RBE-350HYD	1	10	0
	RBE-350INCLINOMETER	1	17	0
	RBE-350TDRS	1	17	0
	RBE-350TEMP	1	3	0
	RBE350A93-3200-20-1	1	9	0
	RBE350A93-3205-00E	1	7	0
	RBE350A93-3205-00T	1	8	0
	RBE350A93-3300-20	1	20	0
	RBE350A93-3302-02	1	3	0
	RBE350A93-3303-02	1	3	0
	RBE350A93-3305-20-1	1	27	0
	RBE350A93-3307-00	1	1	0
	RBE350A93-3312-03	1	3	0
	RBE350A93-3316-20-1	1	19	0
	RBE350A93-3317-20	1	19	0
	RBE350A93-3400-00	1	39	0
	RBE350A93-3500-00	1	3	0
	RBE350A93-3501-20	1	10	0
	RBE350A94-2704-00	1	4	0
	RBE350A94-2706-00	1	3	0
	RBE350A94-2708-01	1	1	0
	RBE350A94-3301-00	1	6	0
	RBE350A94-3700-A	1	3	0
	RBE350A94-3700-B	1	6	0
	RBE350A94-3700-C	1	1	0
	RBE350A94-3701-00	1	9	0
	RBE350A94-5201-20	1	4	0
	RBE703A94-1130-01	1	0	0
	RBE703A95-0505-00-15	1	1	0
	RBE703A95-0508-00-15	1	0	0
	RBE703A95-0508-00-17	1	0	0
	RBE703A95-0520-01-17	1	6	0
	RBE703A95-0520-01-19	1	6	0
	RBEA62309-2	1	8	0
	RBEA62309-3	1	2	0
	RBEA62309-6	1	8	0
	RBEA62309-7	1	8	0
	RBEA62309-8	1	18	0
	RBEA62309-9	1	3	0
	RBEA62310	1	2	0
	RBT18025-13	1	11	0
	RBW109-3101-58-1-1	1	6	0
	RBW109-3101-58-2-1	1	6	0

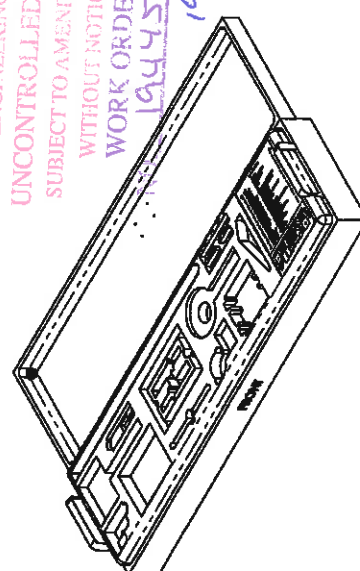
Part Specifications

Specifications could not be found.

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ITEM #	QTY	PART #	PART TITLE	REV.	DESCRIPTION	ECN #	BY
-1	1	RBEA62309-1	PACKAGING ASSEMBLY				
-8	1	RBEA62309-8	TOP SHELF PLACARD				
-9	1	RBEA62309-9	BOTTOM SHELF PLACARD				
-10	4	RBEA62309-10	HIGHLAND#9052000 OR EQUIV. (BUNGEE CORD 1/4" DIA. X 10' LG.)				
-11	1	RBEA62309-11	NAS 726-12 (REMOVE BEFORE FLIGHT FLAG)				
-12	1	RBEA62309-12	McMaster#718931 OR EQUIV. (NYLON CABLE TIES 5-1/2" LG. X 1-1/8" MAX. BUNDLE DIA.)				
-13	1	RBEA62309-13	McMaster#82741781 OR EQUIV. (PLASTIC VIAL 2" DIA. X 1-5/8" HT.)				
14	1	RBE350A09-3200-20	MG8 ROTOR BRAKE RETAINING NUT WRENCH				
15	1	RBE350A09-3206-00E	ENGINE G8 INPUT FLANGE HOLDING WRENCH				
16	1	RBE350A09-3205-00T	T/R G8 INPUT FLANGE HOLDING WRENCH				
17	1	RBE350A09-3300-20	T/R HUB SOCKET				
18	1	RBE350A09-3302-02	T/R HUB LOCK WRENCH				
19	1	RBE350A09-3303-02	T/R BODY EXTRACTOR TOOL				
20	1	RBE350A09-3305-20	TAIL GEARBOX WRENCH				
21	1	RBE350A09-3307-00	TAIL GEARBOX SEAL EXTRACTOR				
22	1	RBE350A09-3312-03	T/R HUB BUSHING REPLACEMENT TOOL				
23	1	RBE350A09-3316-20	ROTATING STAR REPLACEMENT WRENCH				
24	1	RBE350A09-3317-20	TAIL ROTOR HUB INSERT TOOL				
25	1	RBE350A09-3400-00	DRIVE SHAFT THIMBLE				
26	1	RBE350A09-3500-00	BEARING EXTRACTOR				
27	1	RBE350A09-3501-20	EXTRACTION TOOL HYD. PUMP PULLEY BEARING				
28	1	RBE350A09-2704-00	JAMMING TOOL PEDALS				
29	1	RBE350A09-2706-00	RIGGING PIN SET				
30	1	RBE350A09-2706-01	T/R BLADE LOCK FIXTURE				
31	1	RBE350A09-3700-00	T/R ACCELERATOR SUPPORT				
32	1	RBE350A09-3700-A	SWASHPLATE IMMOBILIZING TOOL LONG BRACE				
33	1	RBE350A09-3700-B	SWASHPLATE IMMOBILIZING TOOL SHORT BRACE				
34	1	RBE350A09-3700-C	SWASHPLATE IMMOBILIZING TOOL ADJUSTABLE BRACE				
35	1	RBE350A09-3701-00	M/R RIGGING TOOL				
36	1	RBE350A09-5201-20	CARTRIDGE DUMMY FUEL				
37	1	RBE350A09-3700-00	DAMPER SPANNER WRENCH				
38	1	RBE-350HYD	HYDRAULIC ACCUMULATOR FITTING GAUGE				
39	1	RBE-350INCLINOMETER	INCLINOMETER				
40	1	RBE-350TEMP	TEMPERATURE PROBE				
41	1	RBE-350TDS	T/R DRIVESHAFT BEARINGS RUN OUT GAUGE				
42	1	RBE703A09-1130-01-01	IMMOBILIZING CLIP ASSEMBLY				
43	1	RBE703A09-1130-01-23	DEFLECTION CLIP ASSEMBLY				
44	1	RBE703A09-1805-00-16	TGB DRAIN TUBE QUILL ASSEMBLY				
45	1	RBE703A09-1809-00-16	MOB DRAIN TUBE QUILL ASSEMBLY				
46	1	RBE703A09-1809-00-17	MOB DRAIN TUBE HOSE ASSEMBLY				
47	1	RBE703A09-1820-01-17	ENGINE & HYDRAULIC DRAIN TUBE QUILL ASSEMBLY				
48	1	RBE703A09-1820-01-18	ENGINE & HYDRAULIC DRAIN TUBE HOSE ASSEMBLY				
49	1	RBEA62310	ASS50355 ENGINE STRUT				
50	1	RBT16026-13	LINEAR SCALE				
51	1	RBY109-3101-SB-1-1	HAMMER, STEEL				
52	1	RBY109-3101-SB-2-1	HAMMER, ALUMINUM				
53	1	RB41011	DART PLACARD				
54	4	McMaster#97324A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. X 0.425" LG.				

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WORK ORDER
194430 4.05
190502



RBEA62309 AS350/355 FIELD MAINTENANCE KIT

REV.	DESCRIPTION	ECN #	BY
T	REPLACED ITEM -5 WITH DTSF10002 ITEM 5B WAS McMaster#97447A61 OR EQUIV. IS McMaster#9748A341 OR EQUIV. -2 DIM WAS 3.50 REF IS 3.28 -4 DIM WAS 0.2510.257 THRU IS 0.257 THRU -6 DIM WAS 1.63 REF IS 1.63	19-666	KPT
S	SEE PREVIOUS REVISIONS FOR MORE INFORMATION ITEM -10 WAS ITEM -9 ITEM -11 WAS ITEM -10 ITEM -12 WAS ITEM -11 ITEM -13 WAS ITEM -12 UPDATED BOM TO REFERENCE CORRECT TOOL NUMBERS TO BE INCLUDED IN KIT -5 ADDED HEAT CUT NOTE -8 ENGRAVING FOR BOTTOM SHELF REMOVED. UPDATED ENGRAVING -9 IS BOTTOM SHELF PLACARD. -10 PIN WAS McMaster#983503 (ELASTIC TIE DOWN) OR EQUIV. IS HIGHLAND#9032000 (ELASTIC TIE DOWN) OR EQUIV.	19-600	KPT

DESIGN	KPT	TOOL PART #	RBEA62309	REV. T
DRAWN	KPT	TITLE	ASS50/355 FIELD MAINTENANCE KIT	SHEET 1 OF 11
CHECKED	KPT	DATE	3/27/2019	SCALE
MFG. APPR.	KPT	APPROVED		NTS

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Entered: _____ Date: _____

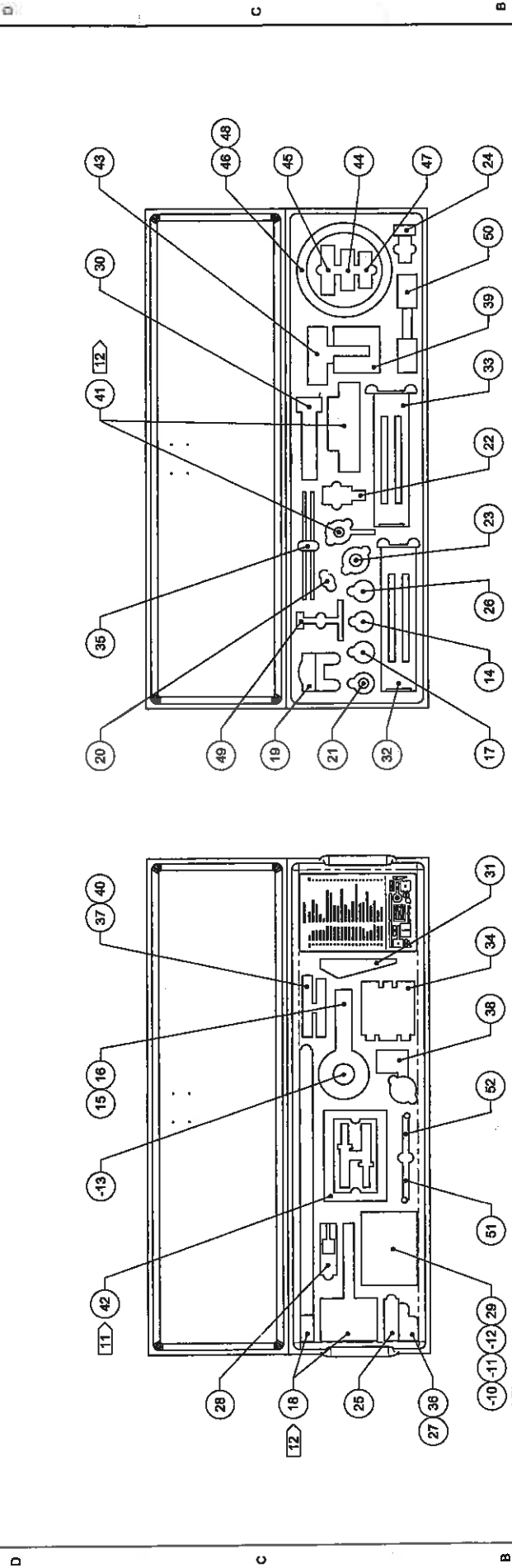
WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only

Job: _____		DISPOSITION		DEPARTMENT/PROCESS					
Part No. _____		Rework ☐	Skid-tube ☐	Cross tube ☐	Eng. (Non-AW) ☐				
		Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐				
		Use-as-is ☐	Large Fab ☐	Finishing ☐	Rec/Store/Packaging ☐				
Date: _____		Sequence #: _____		QTY Affected: _____					
Description Work Order Deviation		Disposition		MRB (QSI042)					
				Completed By					
				Lead hand / Supervisor					
				QC / QA Coordinator					
Root Cause		FAULT CATEGORY							
Operator ☐		Pressure/Forced ☐		Contamination ☐		Power Loss/Surge ☐		Positioned Wrong ☐	
Manufacturing Process ☐		Bending ☐		Misaligned/off center ☐		Folio/Program ☐		Outside Tolerance ☐	
Equip/Tooling ☐		Crushing ☐		BOM/Route ☐		Grain Direction ☐		Drawing ☐	
Handling/Preservation ☐		Cracks ☐		Broken/Damage/Defect ☐		Weld ☐		Finish ☐	
Material ☐		Crimp/Kink/Ripple/Wave/Twist ☐		Incomplete/Unclear Instructions ☐		Wrong Stock Pulled ☐		Part Lost/Missing ☐	
Product Improvement ☐		Marks/Chatter ☐		Drill Holes ☐		Out of Sequence ☐		Misread ☐	
Process Improvement ☐		Mislabeled ☐		Fit/Function ☐		Off-set/Set-up ☐			
Human Factors ☐		Other/Details: _____							

1 2 3 4 5 6 7 8



TOOLS PLACED IN ITEM -2 BOTTOM FOAM

TOOLS PLACED IN ITEM -6 TOP FOAM

DESIGN	KPT	DART AEROSPACE LTD	REV. T
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	SHEET 3 OF 11
CHECKED	KPT	TOOL PART #	SCALE NTS
MFG. APPR.	KPT	RBEA62309	AS350/356 FIELD MAINTENANCE KIT
APPROVED	DP	TITLE	NTS
DATE	3/27/2019		

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